

ABSTRACT

This invention relates to a method for the separation of oil, protein, carbohydrates, shell, and minor toxic components from seeds. The oil seed is subjected to a dehulling process to separate out the hull and kernel and the
5 dehulled oil seed is then compressed into flakes under low temperature. The oil seed is then dephenolized and undergo low temperature delintion. In addition, direct hydrolyzation of the oil-complex is carried out. This technology can be used to produce high quality oil and obtain hydrolyzed protein, thereby comprehensively utilizing the oil seed.